

**Amendments to the Drawings:**

The attached sheets of drawings include changes to Figures 2-5. These sheets, which include Figures 1-5, replace the original sheets including Figures 1-5.

Attachment: Replacement Sheets

REMARKS

Consideration of the present application in view of the above amendments and the following remarks is respectfully requested.

The enclosed electronic and paper copies of the Sequence Listing include no new matter that goes beyond the original application as filed. Furthermore, the above amendments to the specification, which merely direct the insertion of the Sequence Listing and sequence identifiers, include no matter that goes beyond the original application as filed. Applicants respectfully submit that the above-identified application is now in compliance with 37 C.F.R. §§ 1.821-1.825.

Claims 1-15 were pending. Claims 3-5 and 10-13 have been canceled. New claims 16-34 have been added. Accordingly, claims 1, 2, 6-9 and 14-34 are pending. Support for new claims 16 and 17 may be found in original claim 2. Support for new claims 18, 19, 21 and 22 may be found in original claim 4. Support for new claims 20, 23 and 24 may be found in original claim 3. Support for new claims 25-27 may be found in original claim 5. Support for new claim 28 may be found throughout the present application, for example, at page 13, the first full paragraph, and page 14, the last three full paragraphs. Support for new claims 29-32 may be found in original claims 10-13, respectively. Support for new claims 33 and 34 may be found in original claim 15. No new matter has been added by adding the new claims.

Claims 2, 8, 9, 14 and 15 have been amended to eliminate multiple dependencies and to clarify certain embodiments claimed in the present application. No new matter has been added by the amendments to these claims.

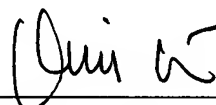
Figures 2-5 have been amended. Specifically, the sequences in Figs. 2, 3 and 5, which represent portions of primer sequences described in the Brief Description of the Figures on pages 6-8, have been deleted. Applicants believe that the brief description of the figures in the present application provides sufficient description for these figures. In addition, Figure 4 has been amended to enter minor changes: The “,” in the number for the Y axis has been changed to “.” For instance, “0,0” has been changed to “0.0.” No new matter has been added by the amendments to the figures.

Application No. 10/588,570  
Preliminary Amendment

The Director is authorized to charge any additional fees due by way of this Amendment, or credit any overpayment, to our Deposit Account No. 19-1090.

Respectfully submitted,

SEED Intellectual Property Law Group PLLC



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Enclosures:

Computer Readable Form of Sequence Listing  
Declaration regarding sequence listing  
Paper Copy of Sequence Listing (24 pages)  
Replacement Sheets (Figs. 1-5)

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